

Graduate School TRANSBIO

Laurent Beney (UBE, PAM, Dijon)
Coordinateur

Régine Gschwind (UMLP, LCE, Montbéliard)
Coordinatrice adjointe

Havanna Lagarde Rivas (UMLP, Besançon)
Project Manager

Présentation Générale

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Research and education

Changes towards sustainable production and biodiversity



ENVIRONMENT



TERRITORIES



FOOD

Key figures 2023-24

5 GRADUATE PROGRAMS

- Human-environment interactions under global changes
- Sustainable development and resources management
- Microbiology, food science and technology
- Biodiversity and (agro)ecology
- Geomatics, spatial planning, and socio-economics

4 DOCTORAL SCHOOLS

- Environment & Health (ES)
- Society, space, practices, time (SEPT)
- Law, management, economic and social sciences (DGEP)
- Carnot Pasteur (CP)

18 MASTER PROGRAMS

5 masters taught in English

576 MASTER STUDENTS

24% international students

10 RESEARCH UNITS

550 Researchers

295 PhD STUDENTS

35% international students

TRANSBIO GRADUATE SCHOOL Changes towards sustainable production and biodiversity



Graduate programs



5 PhD tracks



5 GRADUATE PROGRAMS

Human-environment interactions under global changes

Earth, life science and resources management

Microbiology, food & wine science and technology

Ecology, biodiversity & agriculture

Geomatics, spatial planning, and socio-economics

18 MASTER PROGRAMS

- ▶ **ASA** : Archéologie, Cultures, Territoires et Environnement, Archéo-Géo-Sciences 
- ▶ **CCLIMAT** : Changement Climatique, Adaptation, Territoires 
- ▶ **MAGE**: Microbiologie, Antibiorésistance, Génomique et Epidémiologie 

- ▶ **GDE** : Gestion De l'Environnement 
- ▶ **QUEST** : Qualité des Eaux, des Sols et Traitements 
- ▶ **SEME** : Sol, Eau, Milieux, Environnement 
- ▶ **SP2G** : Sédimentologie, Paléontologie, Géochimie, Géoressources 
- ▶ **3G** : Géoressources, Géorisques, Géotechniques 

- ▶ **B2IPME**: Biologie Intégrative des Interactions Plantes-Microorganismes-Environnement 
- ▶ **ForTheMicrobes**: International Master in Microbiology 
- ▶ **MP²**: Microbiology and Physicochemistry for food and wine Processes 
- ▶ **P²FOOD**: Physiological and Psychological FOOD choice Determinants 

- ▶ **Agroecologie**: Agrosociences, Environnement, Territoire, Paysage, Forêt 
- ▶ **EMME**: Ecology, Monitoring and Management of Ecosystems 
- ▶ **BCA** : Biodiversité et Changements Anthropiques : écologie, évolution, gestion 

- ▶ **AGATE** : Aide à la décision, Géomatique et Aménagement pour une Transition Écologique 
- ▶ **BDEEM**: Behavioral and Digital Economics for Effective Management 
- ▶ **QAE** : Quantification et Analyse Économique 

4 DOCTORAL SCHOOLS

Environment & Health (ES)

Society, space, practices, time (SEPT)

Law, management, economic and social sciences (DGEP)

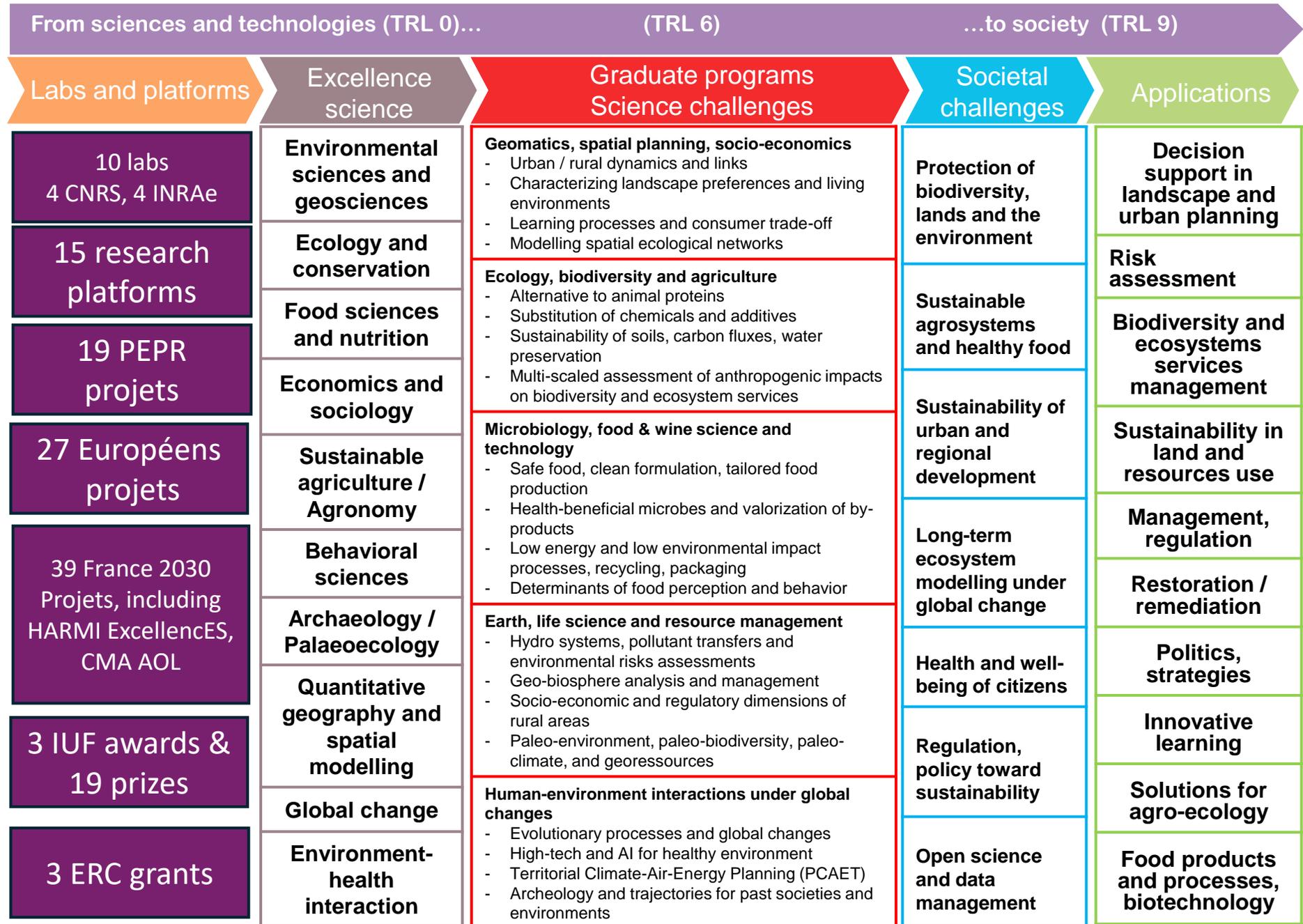
Carnot Pasteur (CP)

Scientific program TRANSBIO

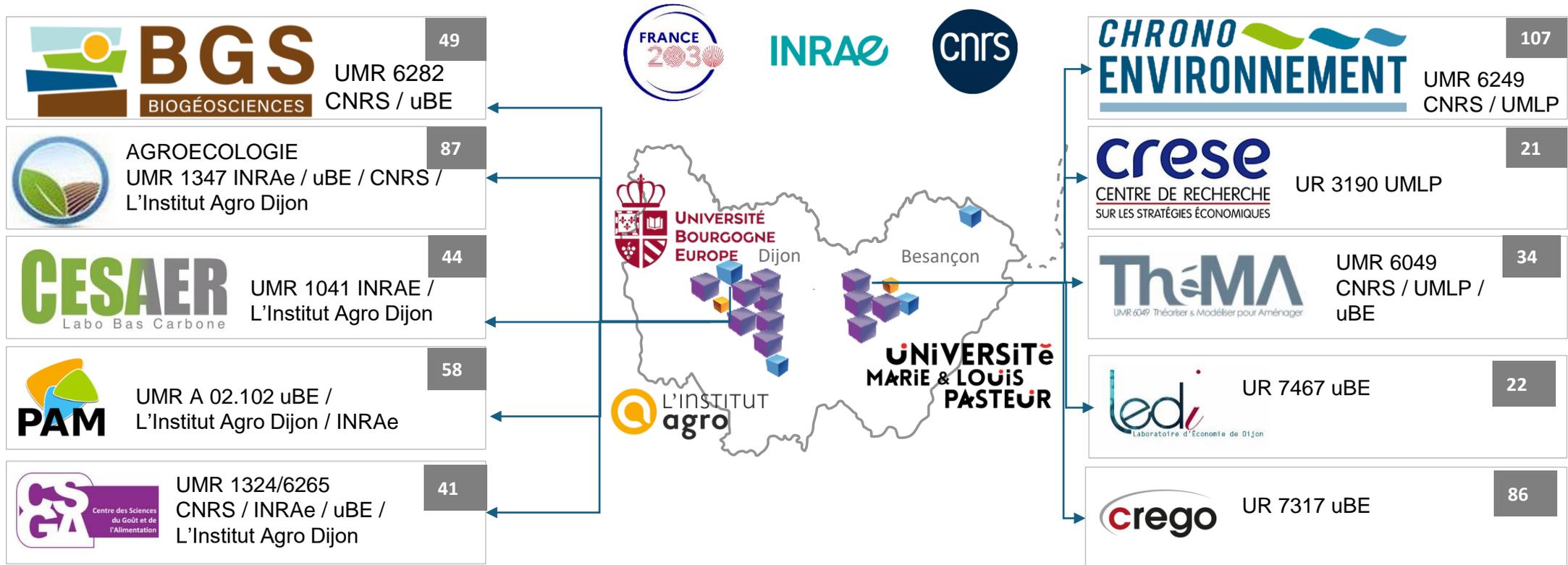


Research, engineering, and technology for the transition toward environmental and agrifood system sustainability

- Main goals:**
- Research-based graduate programs
 - Societal challenges
 - International attractiveness



Research ecosystem



 Research labs

549 Staff (Teachers/ Researchers)

 Main high-tech platforms

 Universities, engineering schools

Laboratories

1. Chrono-environnement (LCE, UMLP, <https://chrono-environnement.univ-fcomte.fr/>).
2. Biogéosciences (BGS, UBE, <https://biogeosciences.ube.fr/>).
3. Théoriser et Modéliser pour Aménager (ThéMA, UMLP, <https://thema.univ-fcomte.fr/>).
4. Centre de REcherche en Gestion des Organisations (CREGO, UBE, <https://crego.ube.fr/>).
5. Centre de Recherche sur les Stratégies Économique (CRESE, UMLP, <https://crese.univ-fcomte.fr/>).
6. Laboratoire d'Économie de Dijon (LEDi, UBE, <https://ledi.ube.fr/>).
7. Centre d'Économie et de Sociologie Appliquée à l'Agriculture et aux Espaces Ruraux (CESEAR, INRAe et Institut Agro Dijon – IAD Dijon, <https://www2.dijon.inrae.fr/cesaer/>)
8. Agroécologie (AE, INRAe et Institut Agro Dijon, <https://umr-agroecologie.dijon.hub.inrae.fr/>).
9. Centre des Sciences du Goût et de l'Alimentation (CSGA, UBE-IAD-INRAe, <https://csga.fr/>).
10. Procédés Alimentaires et Microbiologiques (PAM, UBE-IAD-INRAe, <https://umr-pam.fr/>).

Transbio International Network



TRANSBIO mobility grant 2021-2025

- Incoming scholarships
 - 27 nationalities
- Outgoing scholarships
 - 23 countries

23 International Partnerships:

- Including Russia, Cuba, Brazil, Lebanon, Armenia, Ukraine, Switzerland, Canada, USA

EU 12 Erasmus+ Agreements:

- Italy, Belgium, Sweden, Germany, Hungary, Romania, Austria, Spain, Finland, Norway

➤ Erasmus+ 2021-2025

- 130 student's scholarships
- 35 nationalities
- 24 destinations
- 6 masters programs

🎓 4 Double Diplomas:

- Johannes Gutenberg University (Germany)
- Université Saint-Joseph de Beyrouth (Lebanon)
- Yerevan State University (Armenia)
- Université du Québec en Abitibi-Témiscamingue (Canada) – not started yet

Transbio's financial aid

International mobility

Scholarships

Tutoring / Mentoring

Career development

PhD Tracks

And more